

5    **WHAT IS CLAIMED:**

1. A system for dispensing a tire treatment agent comprising a dispensing container having a tire treatment agent, a propellant and a spray head, the spray head being selectably adjustable to provide a plurality of spray patterns.

- 10        2. The spray head of claim 1 further comprising:

a stem in fluid communications with the container;

a nozzle in fluid communication with the stem, the nozzle comprising

a valve means, a throttling means, an aerating means, and a

directional means whereby the vaporized fluid is selectively directed;

- 15                the spray head further comprising a depressing means in communication with the stem whereby the stem is selectively engaged with the dispensing container causing controlled escapement of the agent into the spray head.

- 20                3. The nozzle of claim 2 further comprising an insert that produces a generally flat and broad spray pattern.

- 25                4. The system of claim 1 further comprising a reservoir in fluid communication with the spray head, the reservoir having a capacity to provide the spray head with a predetermined volume of the agent when the system is inverted to provide at least about three seconds of inverted spray at a flow rate about the same as an upright

5 container.

5. The reservoir of claim 4 comprising a siphon tube having a predetermined volume to provide at least about five seconds of inverted spray at a flow rate about the same as an upright container.

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6. The reservoir of claim 4 comprising a siphon tube having a predetermined volume to provide at least about eight seconds of inverted spray at a flow rate about the same as an upright container.

- 15 7. The spray head of claim 1 further comprising a nozzle having an insert that produces a flat, broad spray pattern.

8. The spray head of claim 1 further comprising:

a spray body;

- 20 a stem in fluid communication with the spray body at one end and with the dispensing container at an opposite end;

the stem comprising a hollow conduit having an intake end having a notch whereby the notch cooperates with the dispensing container to selectively release predetermined volumes of the vaporized fluid.

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5        9. The spray head of claim 8 further comprising an indicating means for setting a  
spray pattern.

10       10. The spray head of claim 9 wherein the indicating means comprises an arrowhead  
and at least one symbol on the container that cooperating with the arrowhead to  
10       indicate the spray pattern.

11. The treatment agent of claim 1 further comprising at least one of the following: a  
cleaning agent, a lubricating agent, an antioxidant and a conditioning agent.

15       12. The tire treatment agent of claim 11 wherein the lubricating agent is silicone.

13. A variable adjustable spray head for a dispensing container having an orifice and  
a release, the spray head comprising:

a stem and a notch;

20       a nozzle in fluid communication with the stem, the nozzle directing a  
volume of fluid from the container;

and the notch being rotatable in relation to and cooperating with the orifice  
to provide an adjustable volume of flow from the container to the nozzle.

5        14. The variable adjustable spray head of claim 13 wherein the stem further  
comprises:  
          an intake end and an oppositely spaced dispensing end, the dispensing end  
being in fluid communication with the nozzle;  
          the intake end comprising a vertical notch having an arc length and a  
10        height, whereby the intake end is in fluid communication with the container by  
means of the orifice and the release;  
          the notch further communicating with the release whereby the stem  
rotation causes a variable blocking of the release.

15        15. The spray head of claim 14 wherein the nozzle further comprises an insert in  
fluid communication with the stem, the insert providing a flat and broad effluent  
spray pattern.

20        16. A system for dispensing a tire treatment agent comprising a dispensing container  
having a tire treatment agent, and a spray head, the spray head being selectably  
adjustable to provide a generally flat and broad spray pattern.

17. A system for dispensing a tire treatment agent comprising:

5           a dispensing container;  
a propellant;  
a spray head, the spray head being selectably adjustable to provide a plurality of  
spray patterns; and  
a reservoir in fluid communication with the spray head, the reservoir providing a  
10       portion of the agent to the spray head when the system is inverted.

18. A method of making a pressurized dispensing container and adjustable spray head  
comprising:

15           providing a dispensing container with an adjustable spray pattern;  
providing a spray head; and  
filling the dispensing container with a tire treatment agent and a  
propellant.

19. The method of claim 18 further comprising the steps of:

20           providing a stem;  
inserting one end of the stem inside the dispensing container;  
providing a nozzle assembly; and  
providing indicating means for setting a spray pattern.

5        20. The method of claim 19 further comprising:  
                 providing an insert to be placed in the nozzle assembly for dispensing a  
                 broad and flat spray pattern.

                 21. The method of claim 19 further comprising:  
10                providing an indicating means comprising at least one of the following:  
                 letters, numbers, symbols, and characters to represent the range of the effluent  
                 spray pattern.

                 22. The method of claim 19 further comprising:  
15                providing a reservoir of a predetermined volume that permits at least about  
                 three seconds of inverted use at a flow rate about the same as an upright container.

                 23. The method of claim 19 further comprising:  
                 providing a reservoir of a predetermined volume that permits at least about  
20                eight seconds of inverted use at a flow rate about the same as an upright container.

                 24. The method of claim 18 further comprising:  
                 providing a reservoir of a predetermined volume that permits at least about

5 three seconds of inverted use at a flow rate about the same as an upright container.

25. The method of claim 18 further comprising:

providing a reservoir of a predetermined volume that permits at least about  
five seconds of inverted use at a flow rate about the same as an upright container.

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26. The method of claim 18 further comprising:

providing a reservoir of a predetermined volume that permits at least about  
eight seconds of inverted use at a flow rate about the same as an upright container.

15 27. The method of claim 18 further comprising:

providing a spay head for dispensing a generally broad a flat spray pattern.

28. A method of treating a tire comprising the steps of:

providing a pressurized dispensing container having an adjustable spray  
20 head, the spray head having an adjustable range of spray patterns, the container  
including a tire treatment agent and the spray head comprising a stem and a  
nozzle;

selecting a desired spray pattern on the adjustable spray head; and  
applying the agent on the tire.

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5 29. The method of claim 28 further comprising:

providing an insert for the nozzle, the insert causing the agent to be  
dispersed in a broad and flat stream pattern.

30. The method of claim 28 further comprising:

10 providing a reservoir of a predetermined volume for at least about three  
seconds of inverted use at a flow rate about the same as an upright container.

31. A system for dispensing a treatment agent comprising:

a dispensing container;

15 a spray head, the spray head being selectably adjustable to provide a  
plurality of spray patterns; and

a reservoir in fluid communication with the spray head, the reservoir  
providing a portion of the agent to the spray head for inverted use of the system at  
a flow rate about the same as an upright container.

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32. The spray head of claim 31 further comprising:

a nozzle in fluid communication with the spray head, the nozzle  
comprising a valve means, a throttling means, an aerating means, and a  
directional means whereby the vaporized fluid is selectively directed;

25 the spray head further comprising a depressing means in communication



5           with the container whereby the spray head is selectively engaged with the  
          container causing controlled escapement of the agent into the spray head.

33. The nozzle of claim 32 further comprising an insert that produces a generally flat  
and broad spray pattern.

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34. The system of claim 31 wherein the reservoir comprises a siphon tube in fluid  
communication with the spray head, the reservoir having a capacity to provide the  
spray head with a predetermined volume of the agent when the system is inverted  
to provide at least about three seconds of inverted spray.

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35. The reservoir of claim 31 comprising a siphon tube having a predetermined  
volume to provide at least about five seconds of inverted spray.

36. The system of claim 31 further comprising a propellant.

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37. A system for dispensing a treatment agent comprising:

          a dispensing container;

          a propellant;

          a spray head, the spray head being selectably adjustable to provide a

5 plurality of spray patterns, at least one of which is a generally flat and broad spray pattern; and

a reservoir in fluid communication with the spray head, the reservoir providing a portion of the agent to the spray head for inverted use of the system for at least about three seconds at a flow rate about the same as an upright

10 container.